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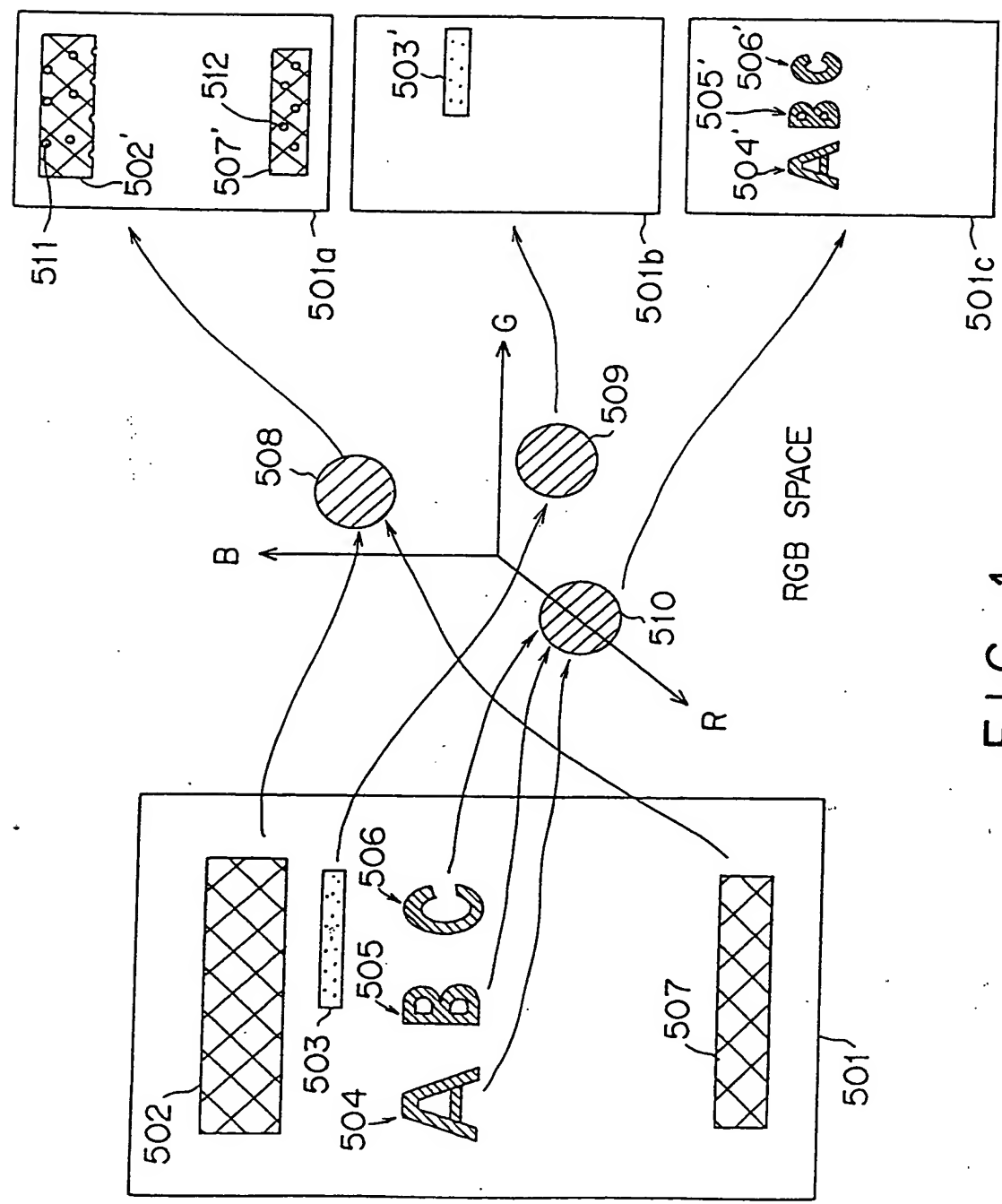


FIG. 1

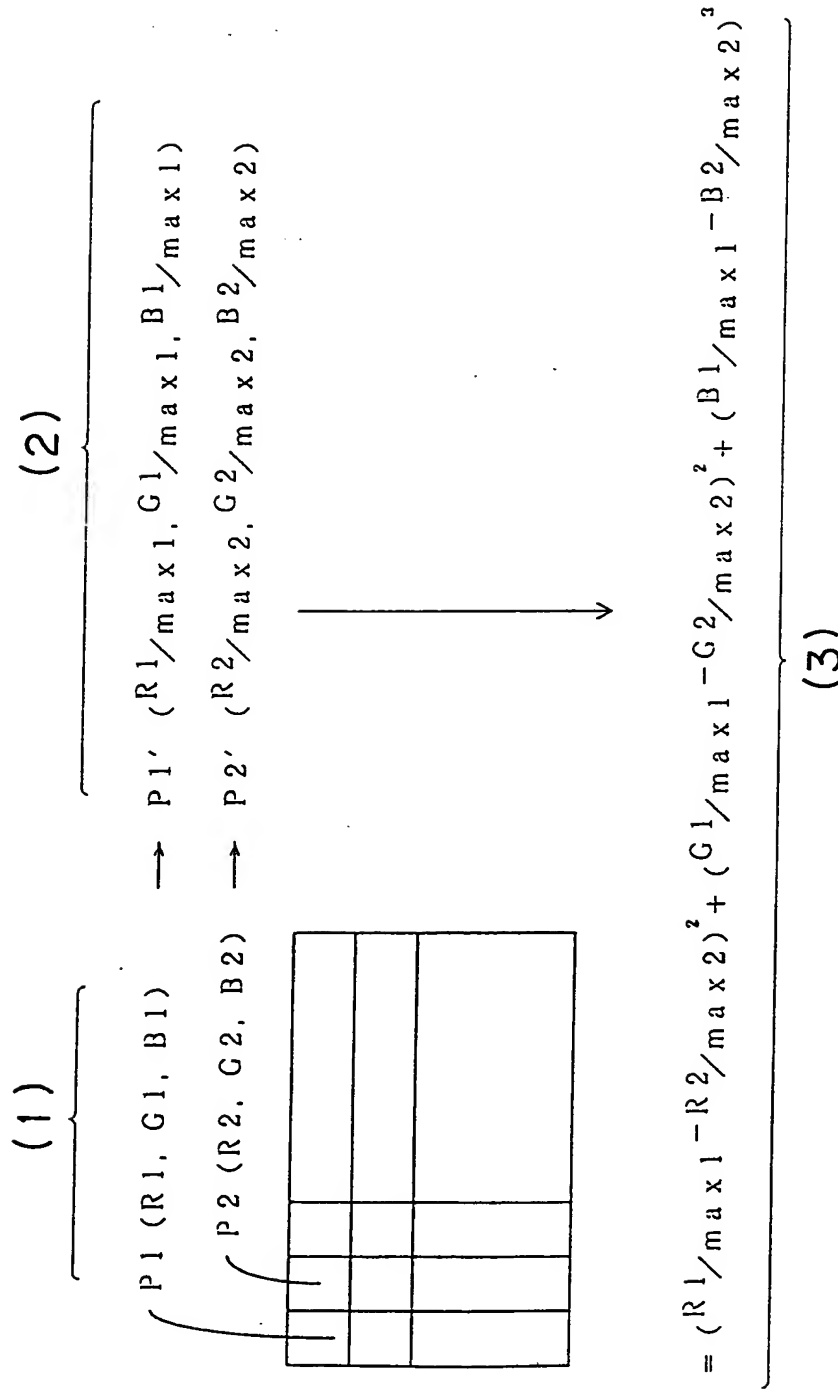


FIG. 2

TITLE: COLOR IMAGE PROCESSING
APPARATUS AND PATTERN EXTRACTING
APPARATUS
INVENTORS: Yutaka KATSUYAMA
SERIAL NO.: Unassigned
DOCKET NO.: 826.1526D

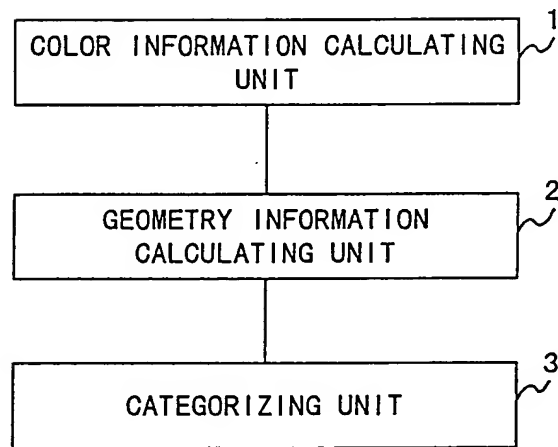


FIG. 3

TITLE: COLOR IMAGE PROCESSING
APPARATUS AND PATTERN EXTRACTING
APPARATUS
INVENTORS: Yutaka KATSUYAMA
SERIAL NO.: Unassigned
DOCKET NO.: 826.1526D

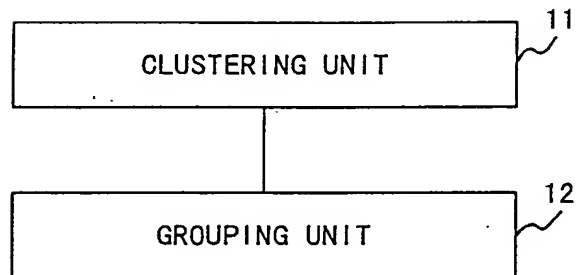
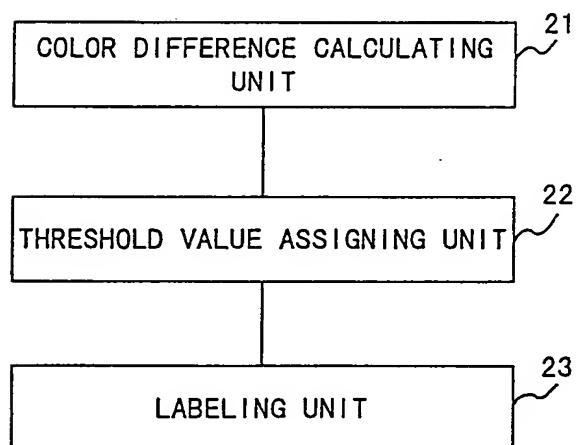


FIG. 4



F I G. 5

TITLE: COLOR IMAGE PROCESSING
APPARATUS AND PATTERN EXTRACTING
APPARATUS
INVENTORS: Yutaka KATSUYAMA
SERIAL NO.: Unassigned
DOCKET NO.: 826.1526D

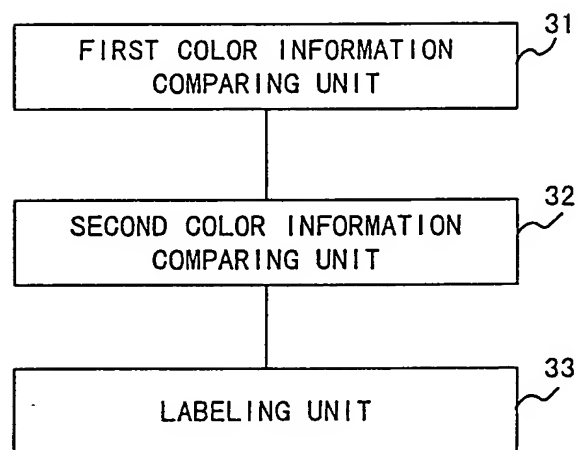


FIG. 6

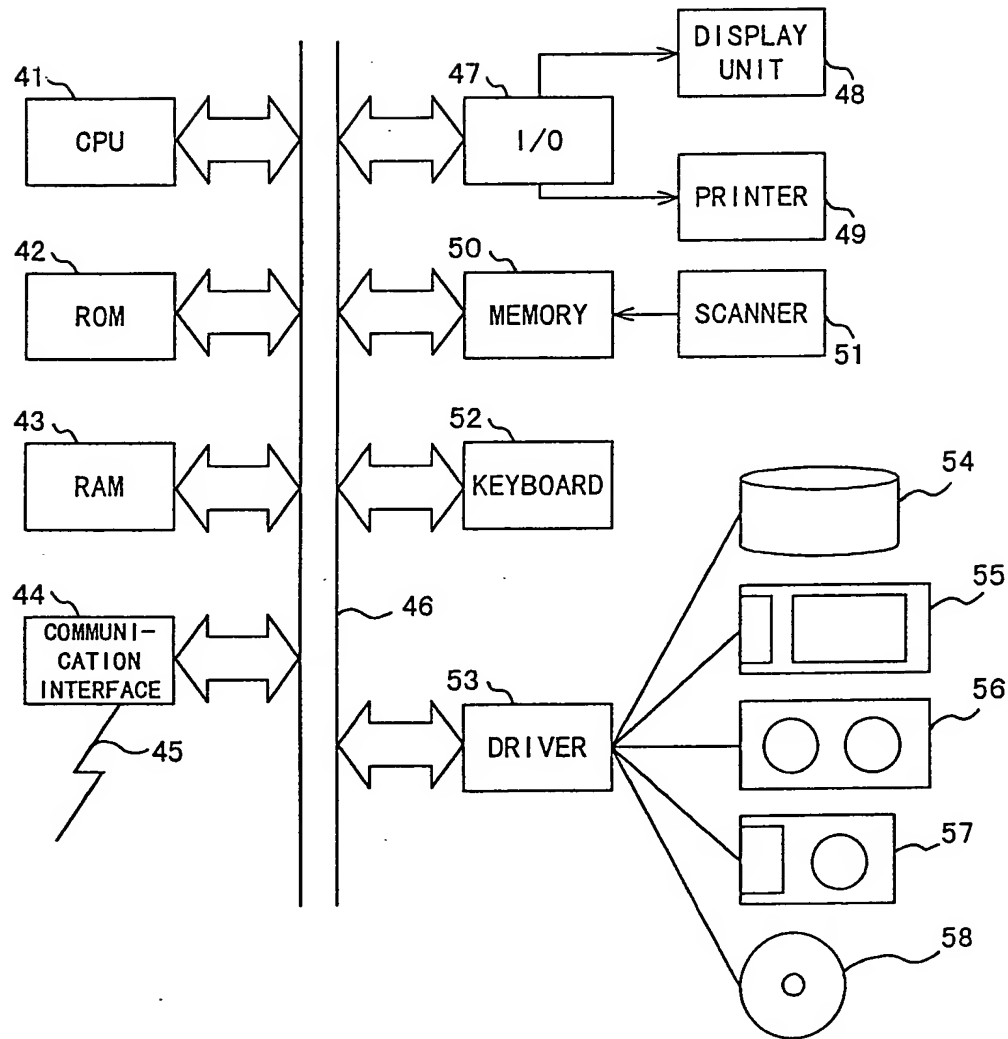


FIG. 7

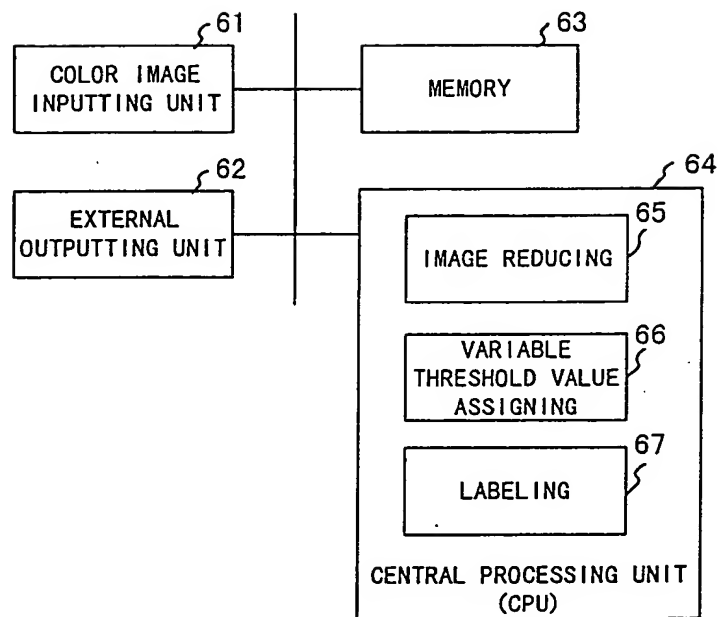


FIG. 8

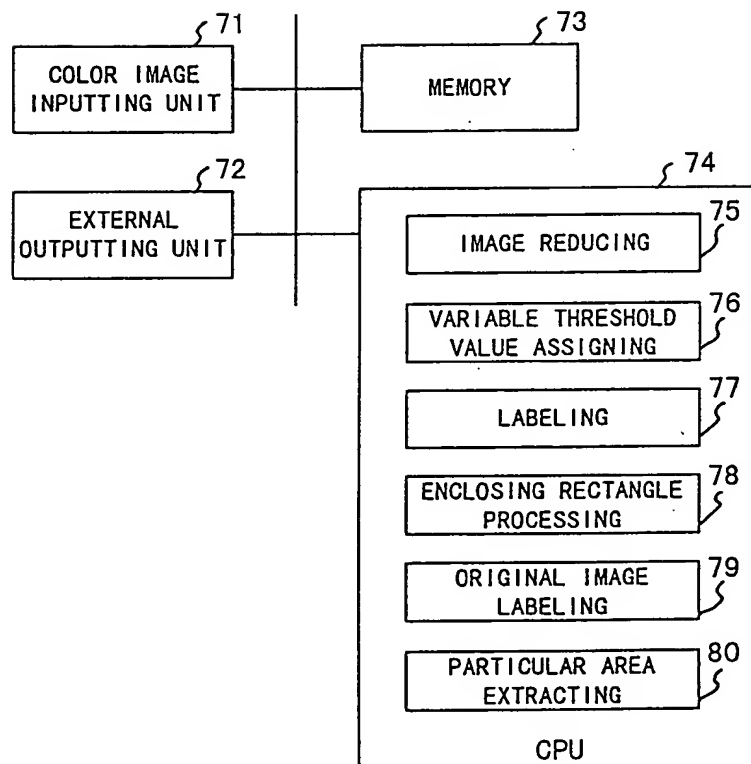


FIG. 9

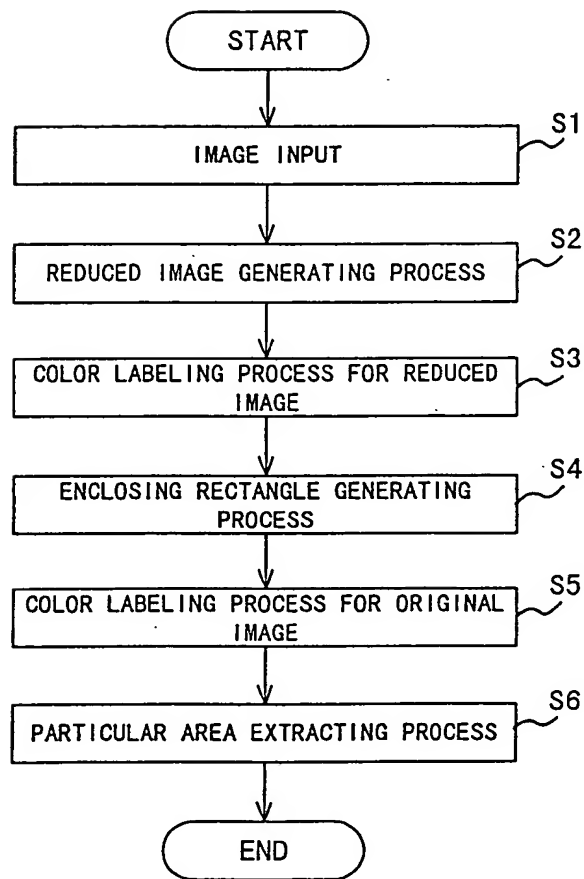


FIG. 10

REDUCTION RATIO 1/3

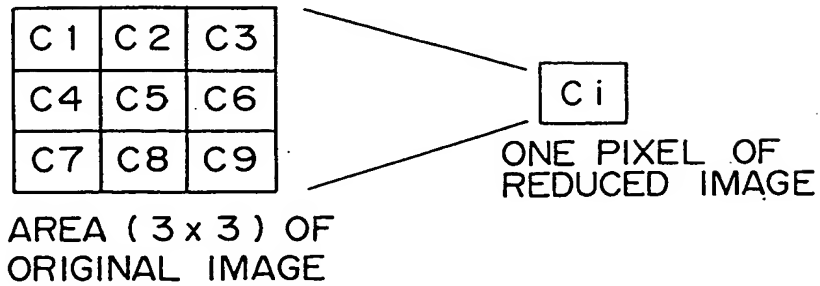


FIG. 11A

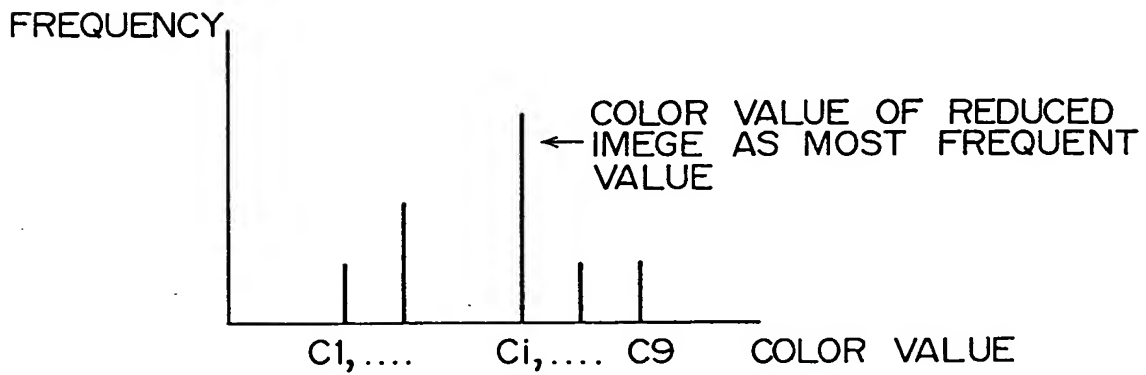


FIG. 11B

1	2	3
8	C	4
7	6	5

C : CONSIDERED PIXEL. COLOR VALUE (Rc, Gc, Bc)

1 ~ 8 : EIGHT PIXELS ADJACENT TO CONSIDERED
 PIXEL

COLOR VALUE (Ri, Gi, Bi) i = 1 ~ 8

FIG. 12A

do i = $\left[\begin{array}{l} 0 \text{ if } |R_c - R_i| \cdot R_{th} \text{ and} \\ \quad |G_c - G_i| \cdot G_{th} \text{ and} \\ \quad |B_c - B_i| \cdot B_{th} \\ \text{LARGE VALUE SUCH AS} \\ \text{1000 : OTHERWISE} \\ \text{(ANY VALUE LARGER THAN} \\ \text{THRESHOLD VALUE th)} \end{array} \right.$

FIG. 12B

ENTRY	THRESHOLD VALUE
(R1, G1, B1)	(Rth1, Gth1, Bth1)
(R2, G2, B2)	(Rth2, Gth2, Bth2)
⋮	⋮
(Ri, Gi, Bi)	(Rthi, Gthi, Bthi)
⋮	⋮
(RN, GN, BN)	(RthN, GthN, BthN)

FIG. 13A

ENTRY	THRESHOLD VALUE
R1 ~ R4	Rt1
R5 ~ R8	Rt2
⋮	⋮
RN-3 ~ RN	RtM

R

ENTRY	THRESHOLD VALUE
G1 ~ G4	Gt1
RG ~ G8	Gt2
⋮	⋮
GN-3 ~ GN	GtM

G

ENTRY	THRESHOLD VALUE
B1 ~ B4	Bt1
B5 ~ B8	Bt2
⋮	⋮
BN-3 ~ BN	BtM

B

FIG. 13B

ENTRY	THRESHOLD VALUE	R'
R1 ~ R4	Rt1	
R5 ~ R8	Rt2	
⋮	⋮	
RN-3 ~ RN	RtM	

ENTRY	THRESHOLD VALUE	G'
G1 ~ G4	Gt1	
RG ~ G8	Gt2	
⋮	⋮	
GN-3 ~ GN	GtM	

ENTRY	THRESHOLD VALUE	B'
B1 ~ B4	Bt1	
B5 ~ B8	Bt2	
⋮	⋮	
BN-3 ~ BN	BtM	

FIG. 14

FIG. 15A

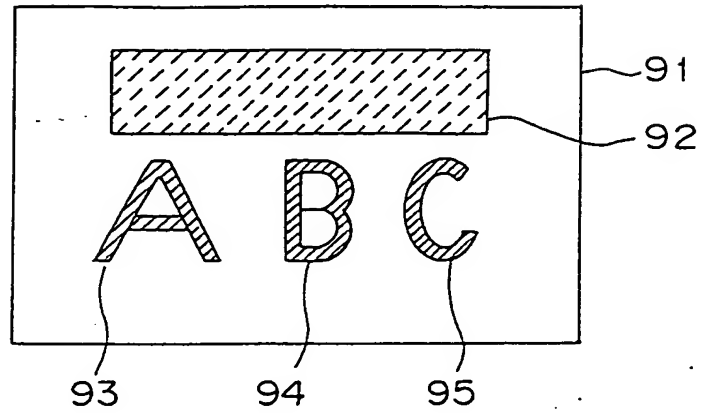


FIG. 15B

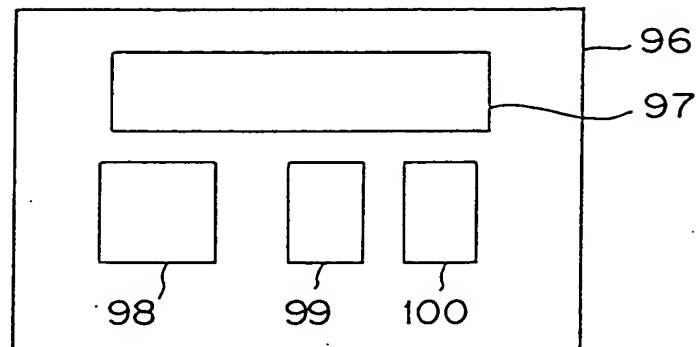
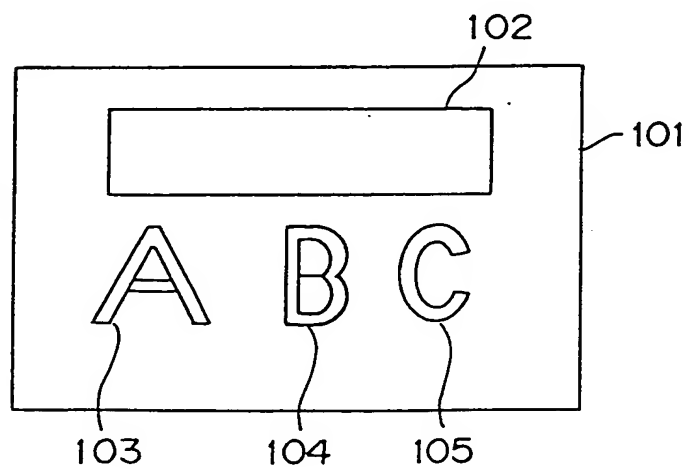


FIG. 15C



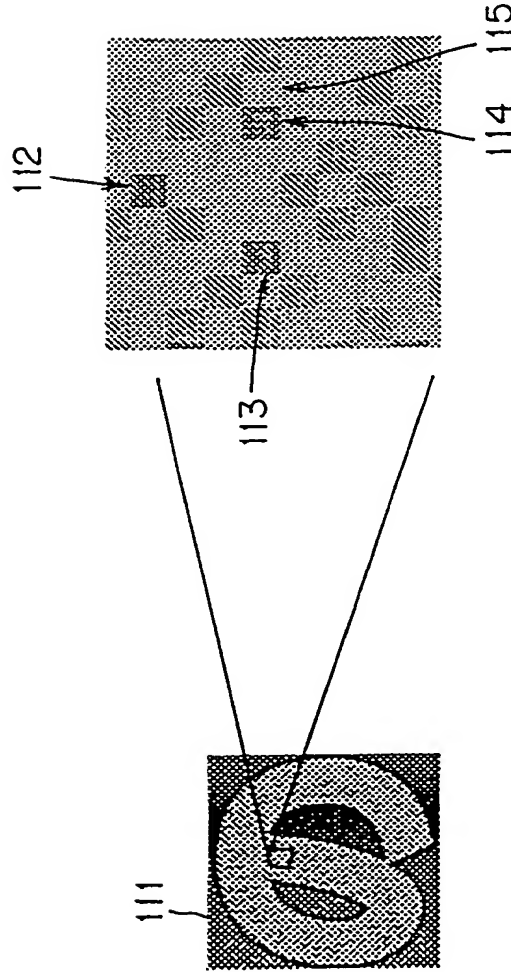


FIG. 16A

FIG. 16B

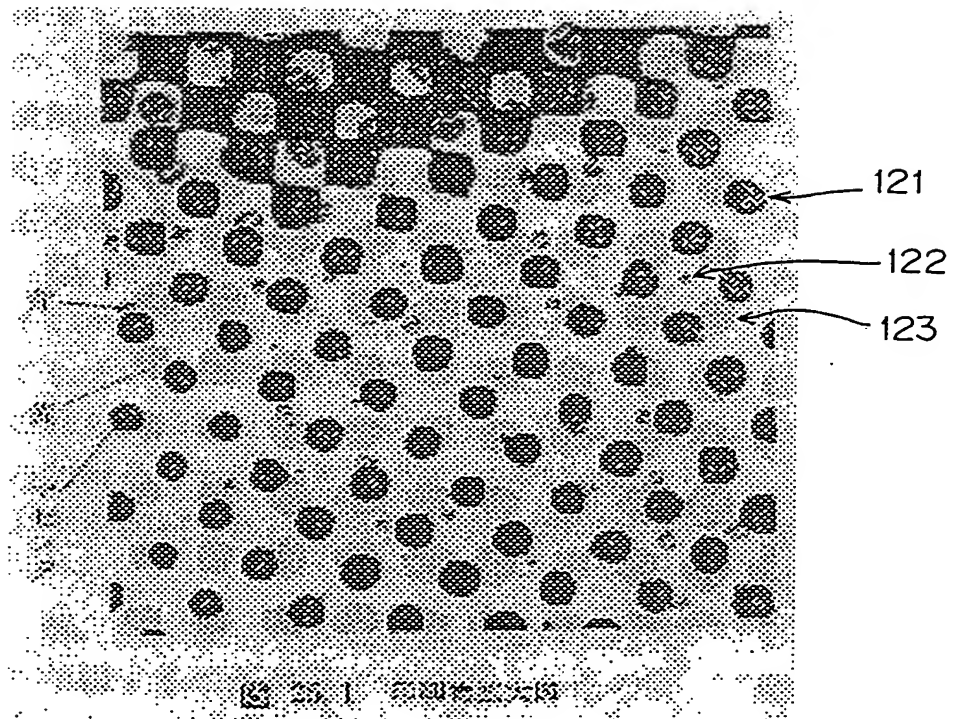


FIG. 17

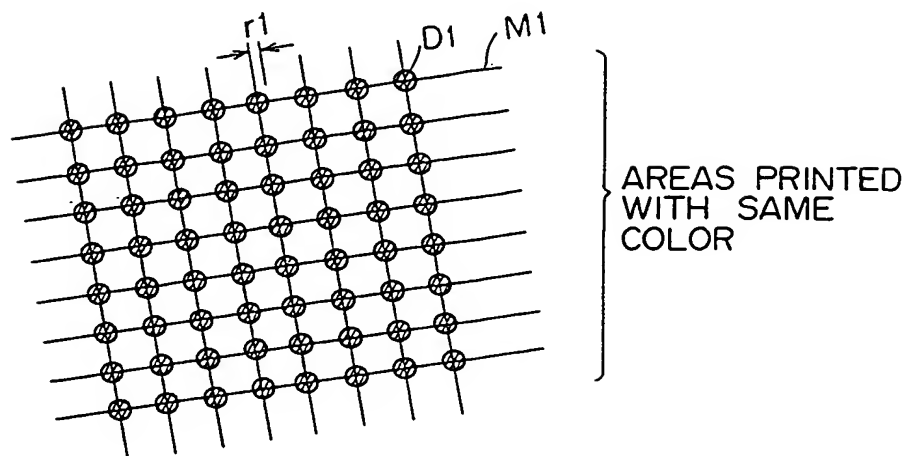


FIG. 18A

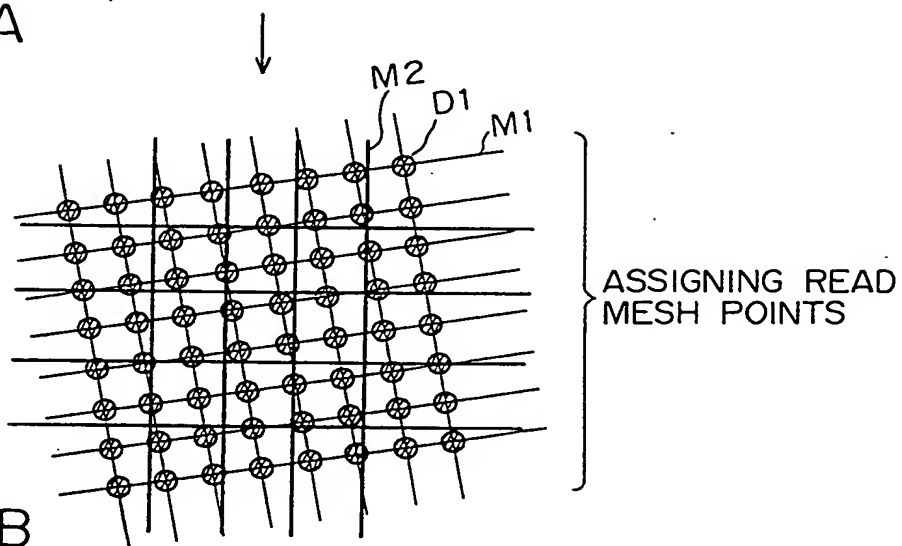


FIG. 18B

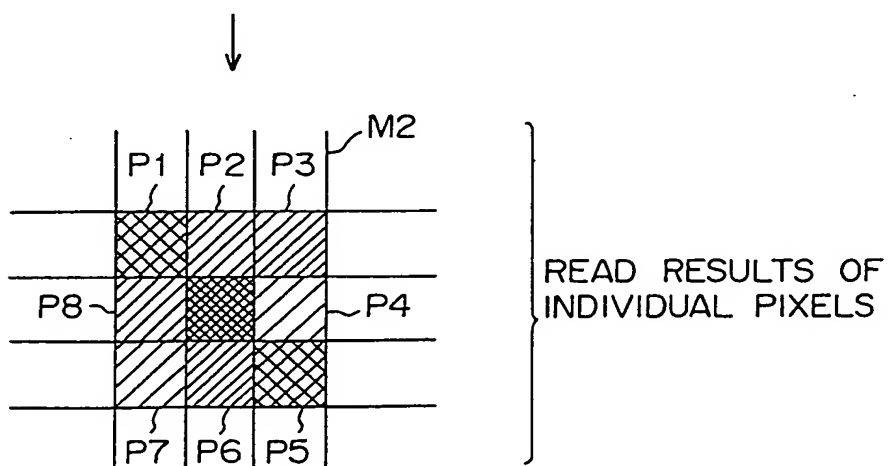


FIG. 18C

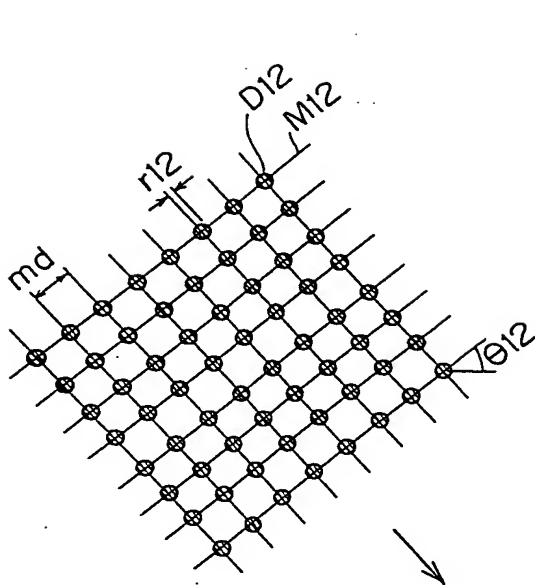


FIG. 19A

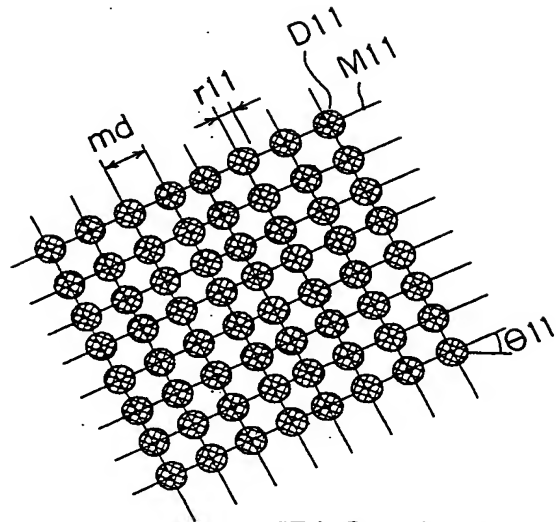


FIG. 19B

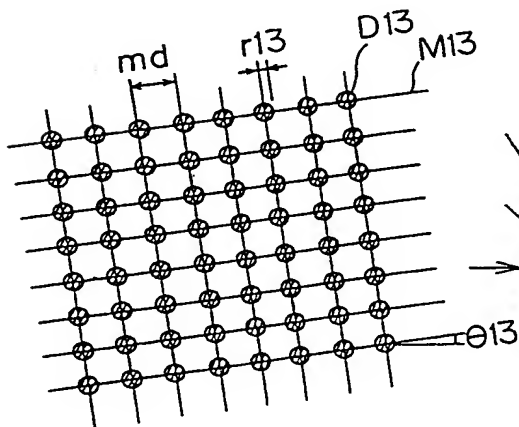


FIG. 19C

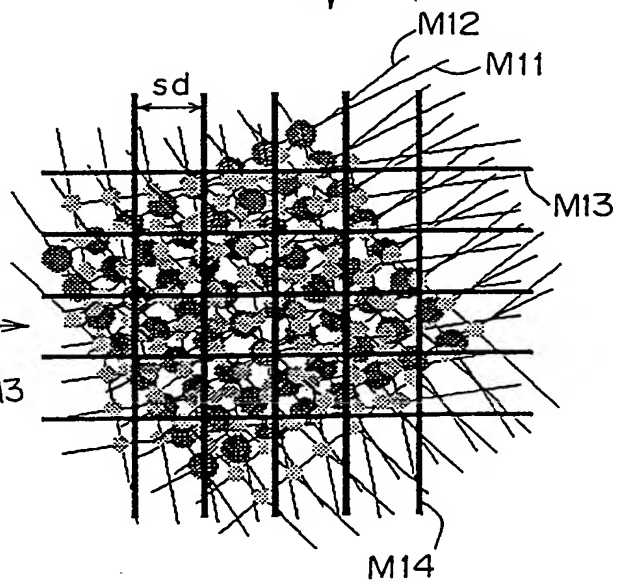


FIG. 19D

TITLE: COLOR IMAGE PROCESSING
 APPARATUS AND PATTERN EXTRACTING
 APPARATUS
 INVENTORS: Yutaka KATSUYAMA
 SERIAL NO.: Unassigned
 DOCKET NO.: 826.1526D

EXAMPLE OF TABLE FOR R (THIS TABLE APPLIES TO
 TABLES FOR G AND B)

R LUMINANCE VALUE	MAXIMUM VALUE OF LUMINANCE DIFFERENCE WITH ADJACENT PIXELS	RESOLUTION
0	2	14
0	2	15
0	1	16
:	:	:
0	1	35
3	10	14
3	8	15
3	7	16
:	:	:
3	2	35
:	:	:
:	:	:
255	0	14
255	0	15
:	:	:
255	0	35

F I G. 20

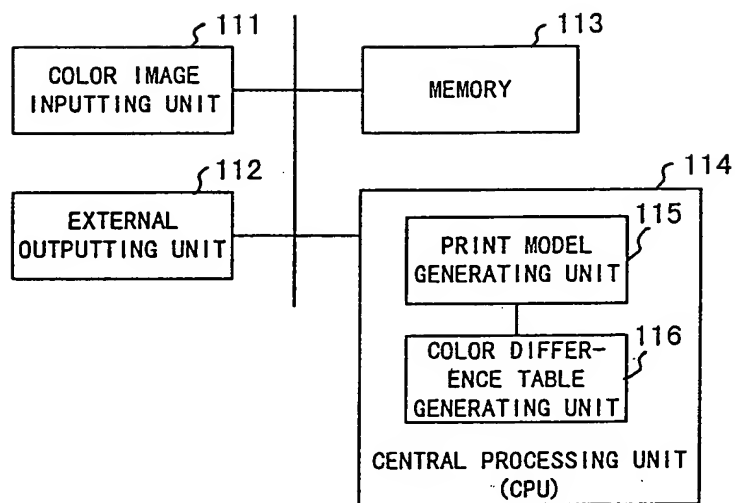


FIG. 21

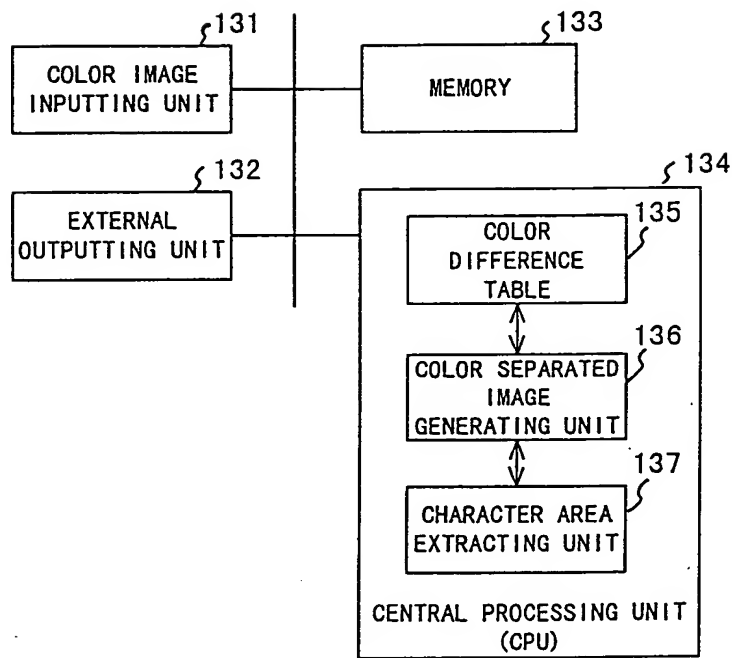


FIG. 22

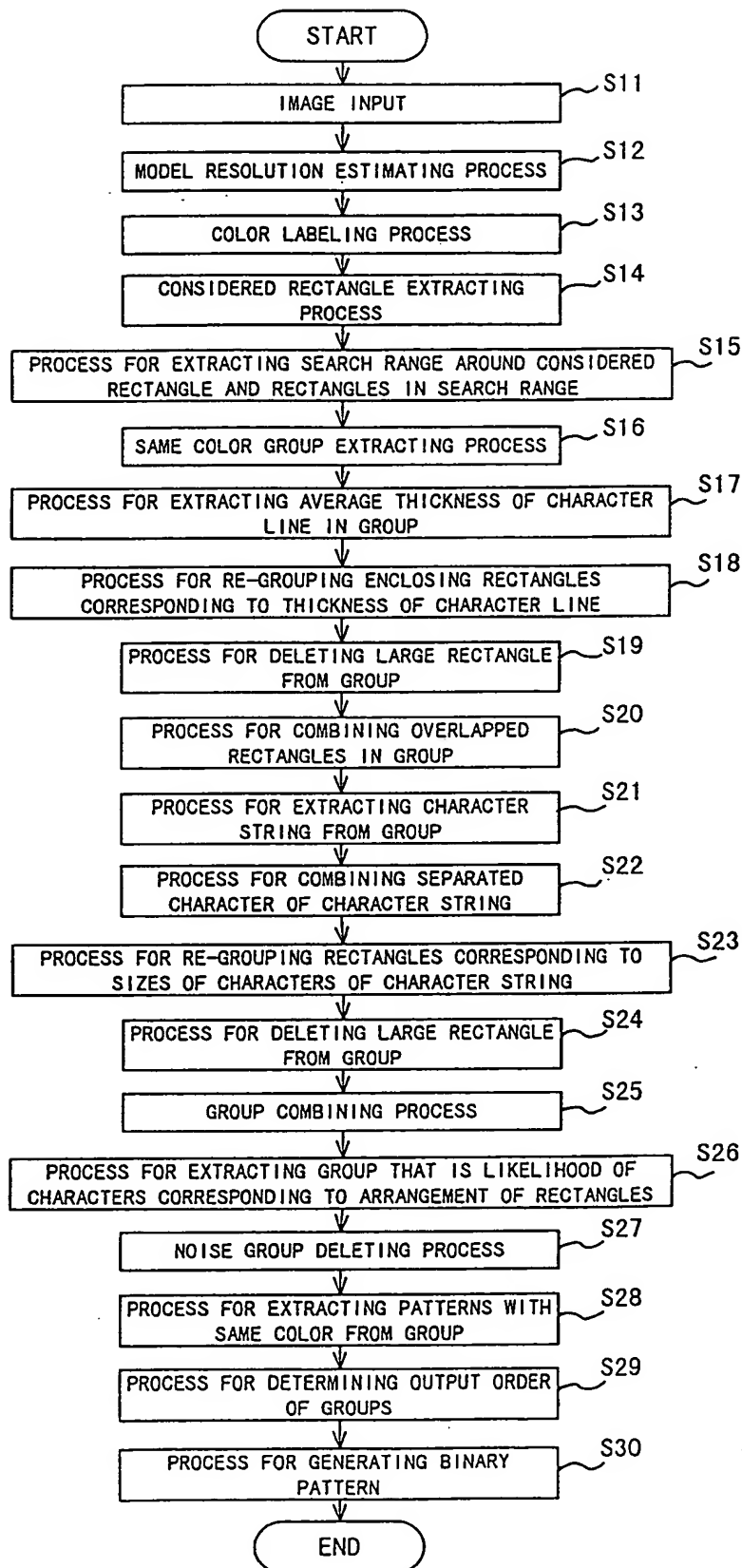


FIG. 23

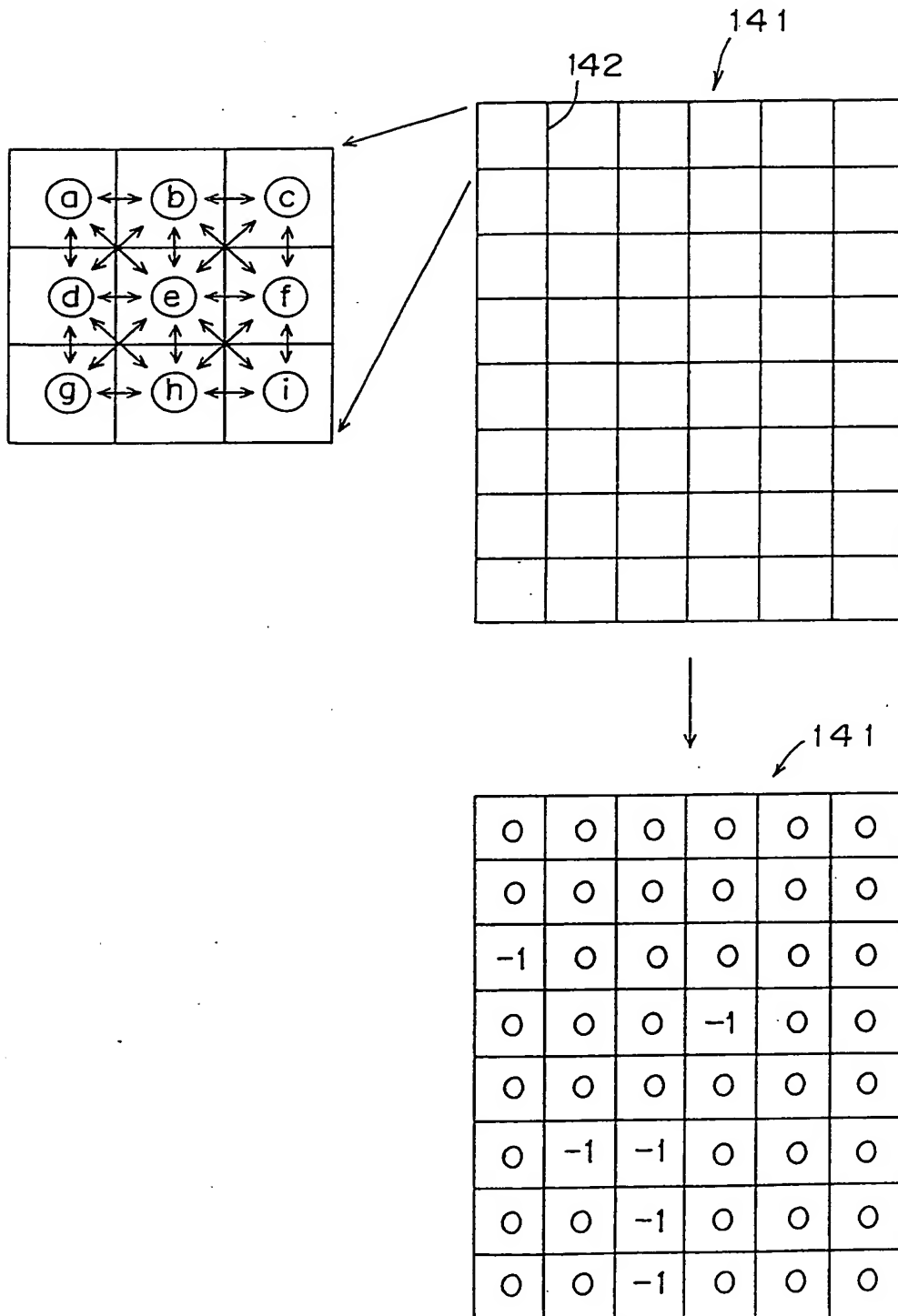
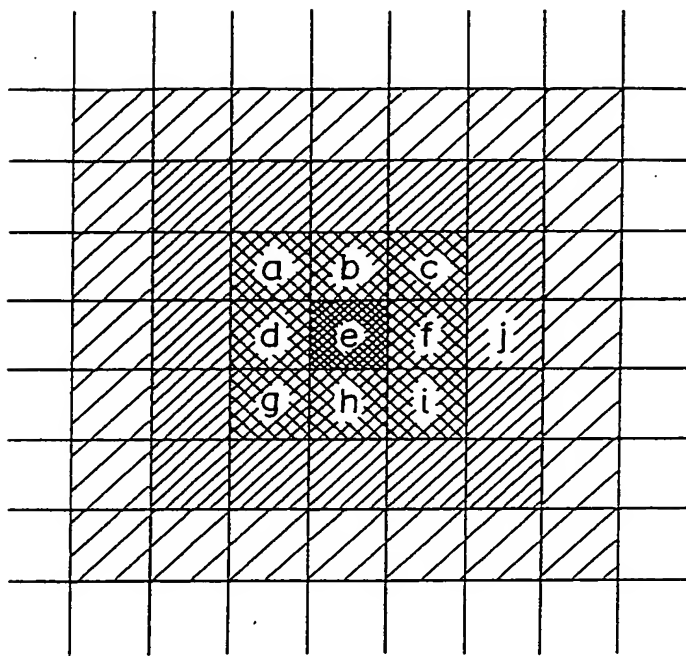


FIG. 24



RED ← GRADUALLY VARYING BLACK → GRADUALLY VARYING RED

FIG. 25

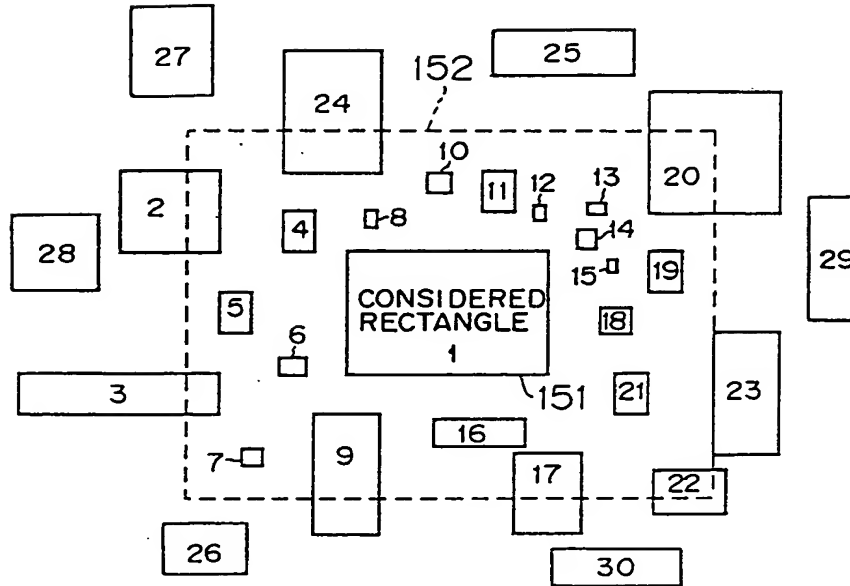


FIG. 26

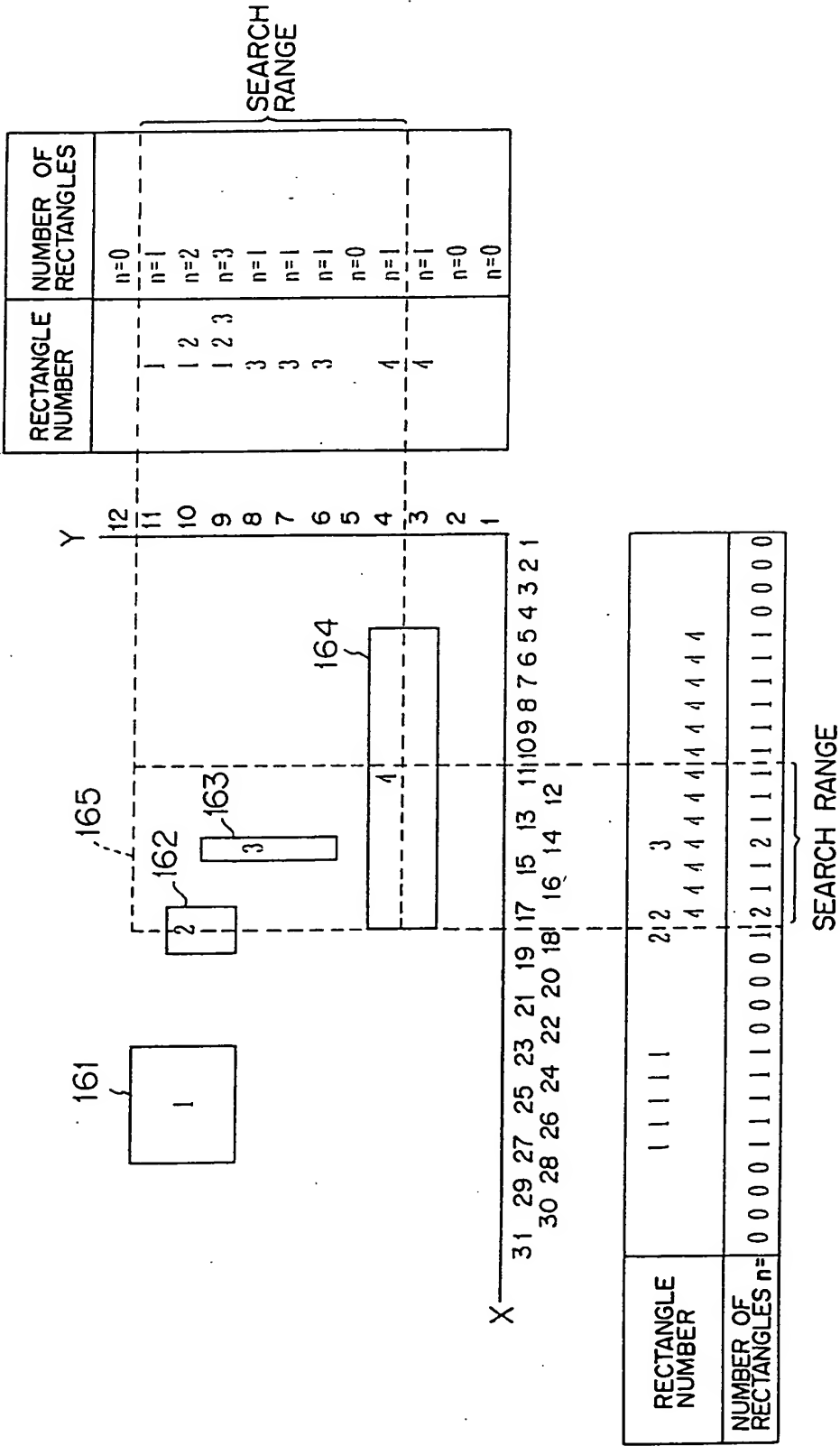


FIG. 27

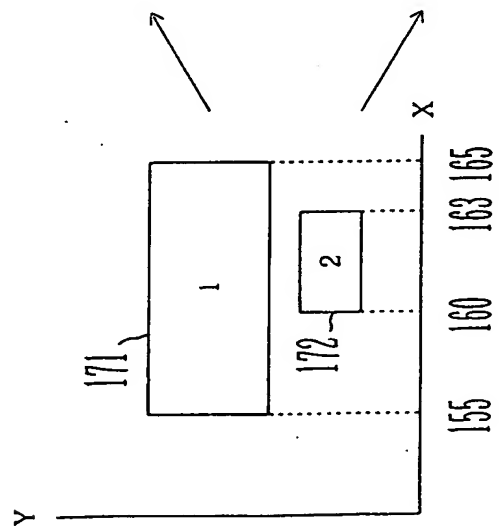


FIG. 28A

X COORDINATE VALUE	RECTANGLE NUMBER
155	1
156	1
:	:
164	1
165	1

X COORDINATE VALUE	RECTANGLE NUMBER
160	2
161	2
162	2
163	2

FIG. 28B

X COORDINATE VALUE	RECTANGLE NUMBER
155	1
156	1
:	:
159	1
160	1
160	2
161	1
161	2
162	1
162	2
163	1
163	2
164	1
165	1

FIG. 28C

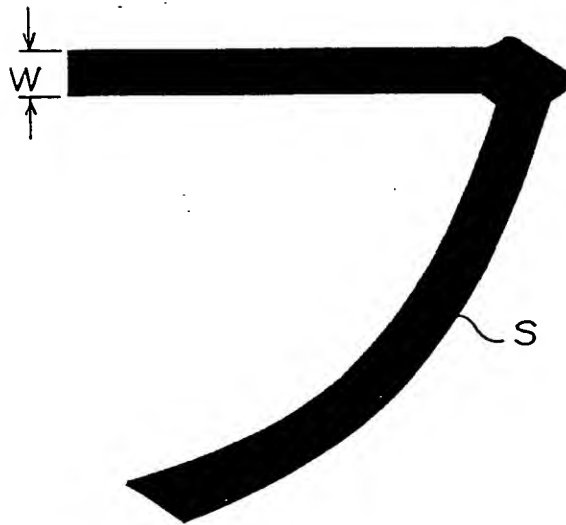


FIG. 29A

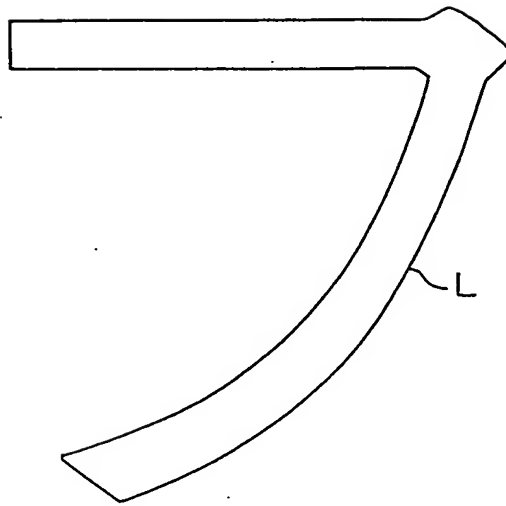


FIG. 29B

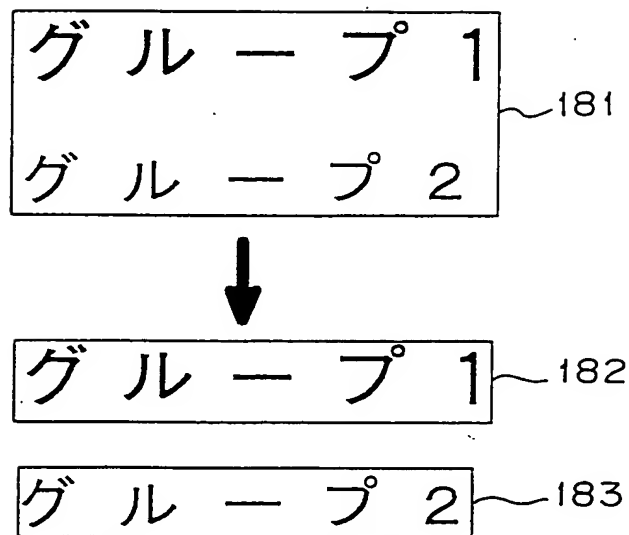


FIG. 30

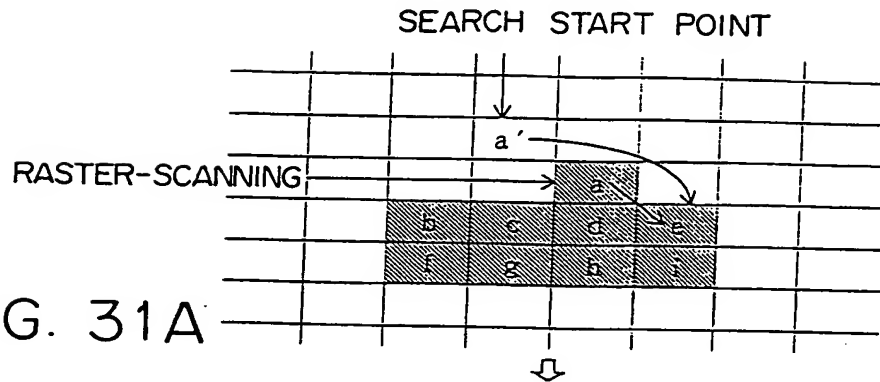


FIG. 31A

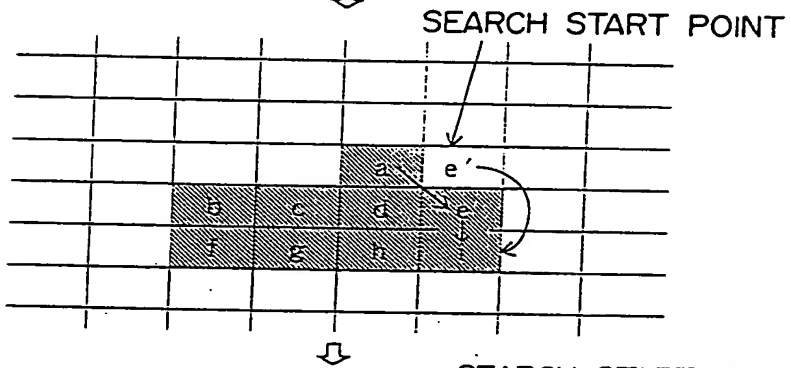


FIG. 31B

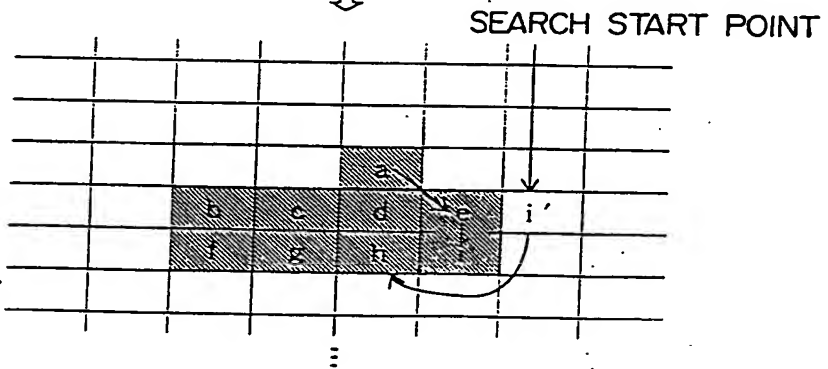


FIG. 31C

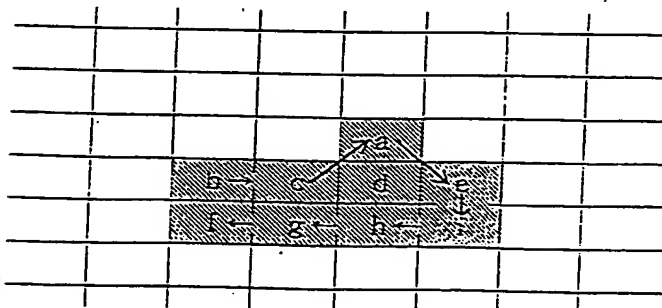


FIG. 31D

5	6	7
4	C	0
3	2	1

C : CURRENT PIXEL

0 ~ 7 : PIXELS ADJACENT TO CURRENT PIXEL,
DIRECTION CODE VIEWED FROM PIXEL
C IS DC, PIXELS ARE SEARCHED IN
DIRECTION OF DC

FIG. 32

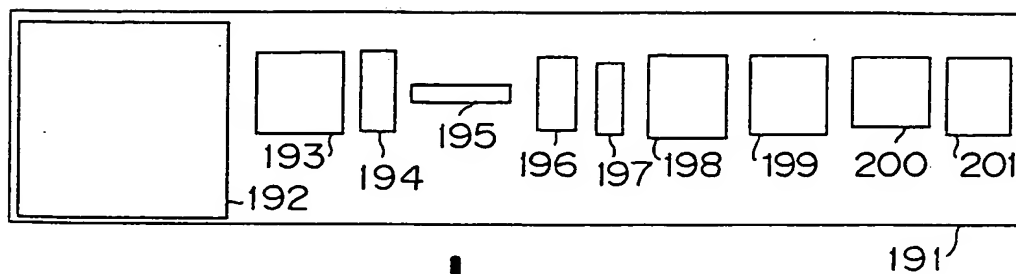


FIG. 33A

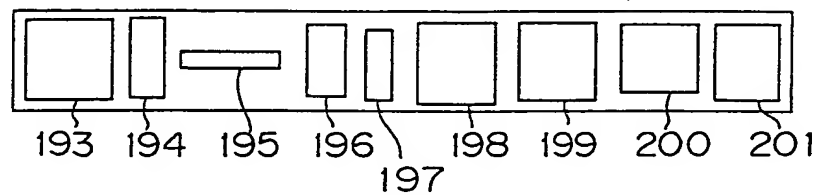


FIG. 33B

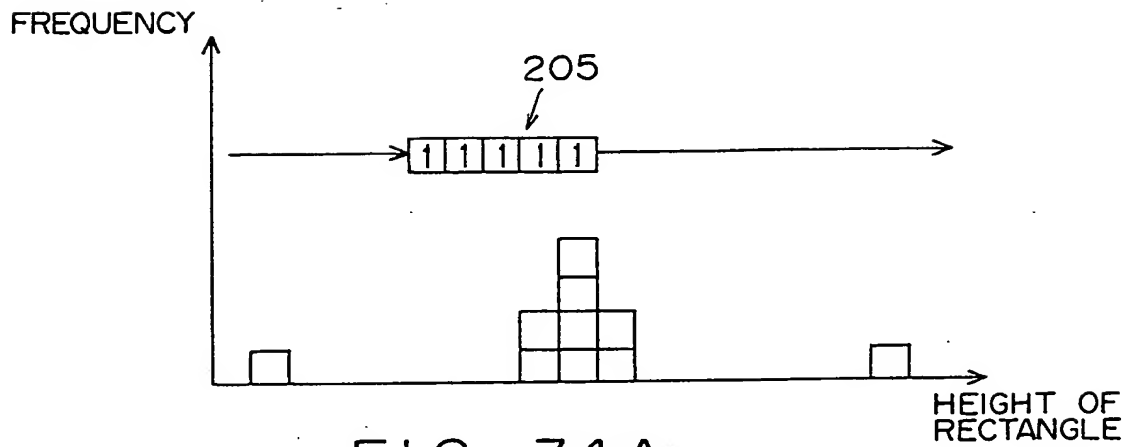


FIG. 34A

MOVING SUM
↓

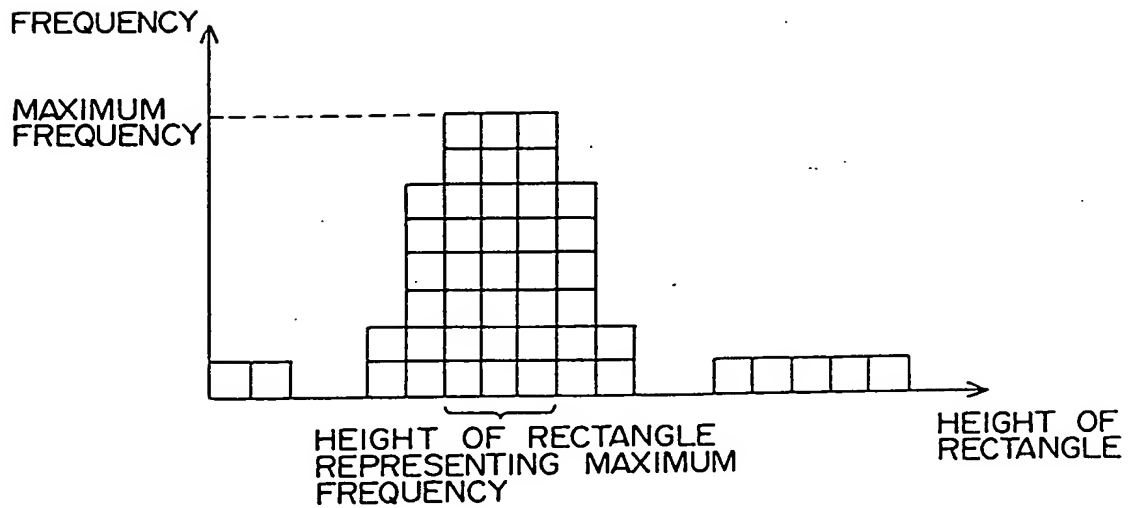


FIG. 34B

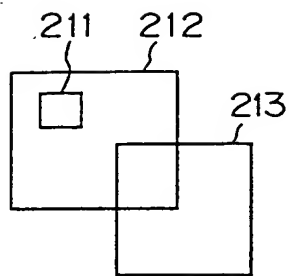


FIG. 35A

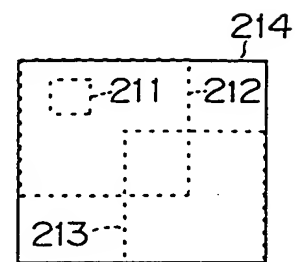


FIG. 35B

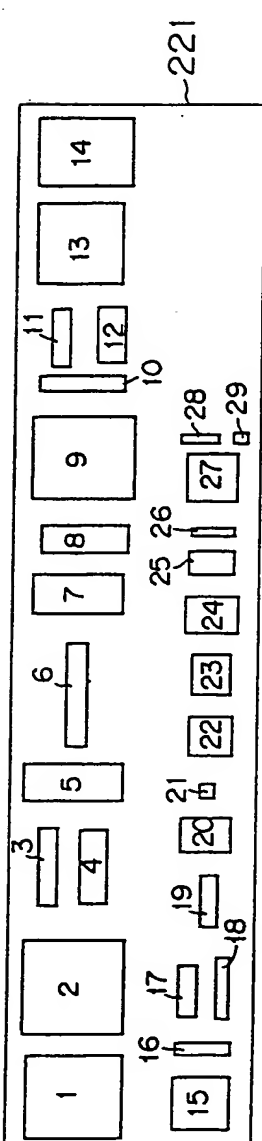


FIG. 36A

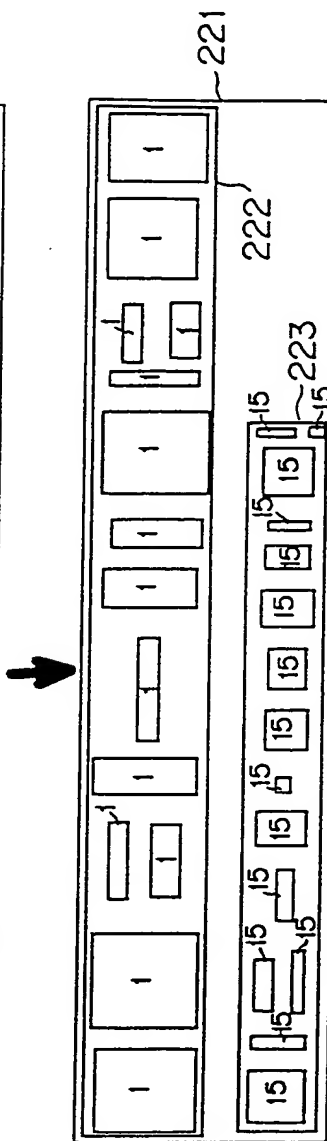


FIG. 36B

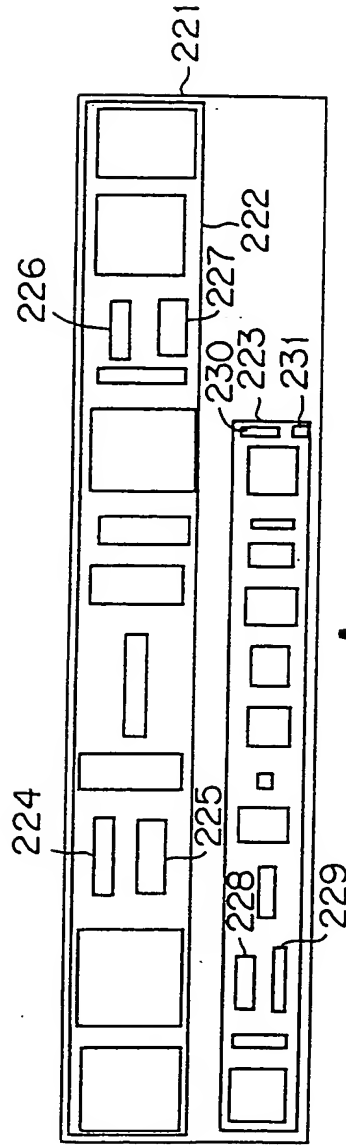


FIG. 37A

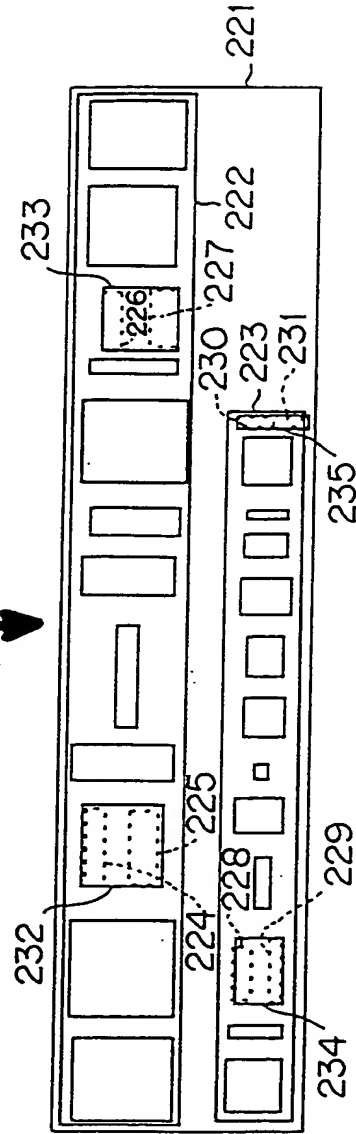


FIG. 37B

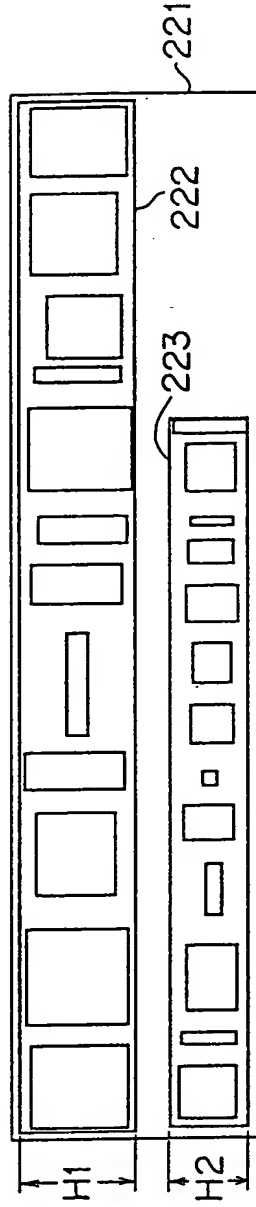


FIG. 38A

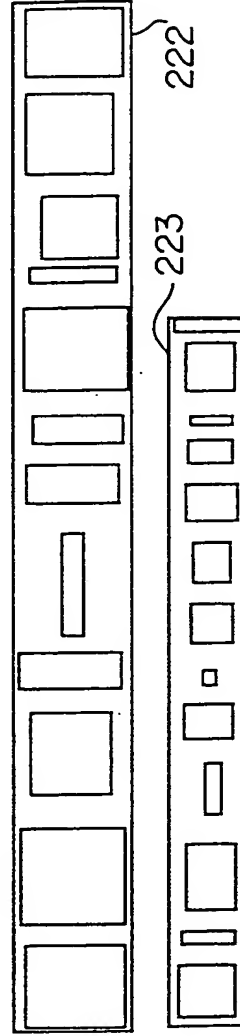


FIG. 38B

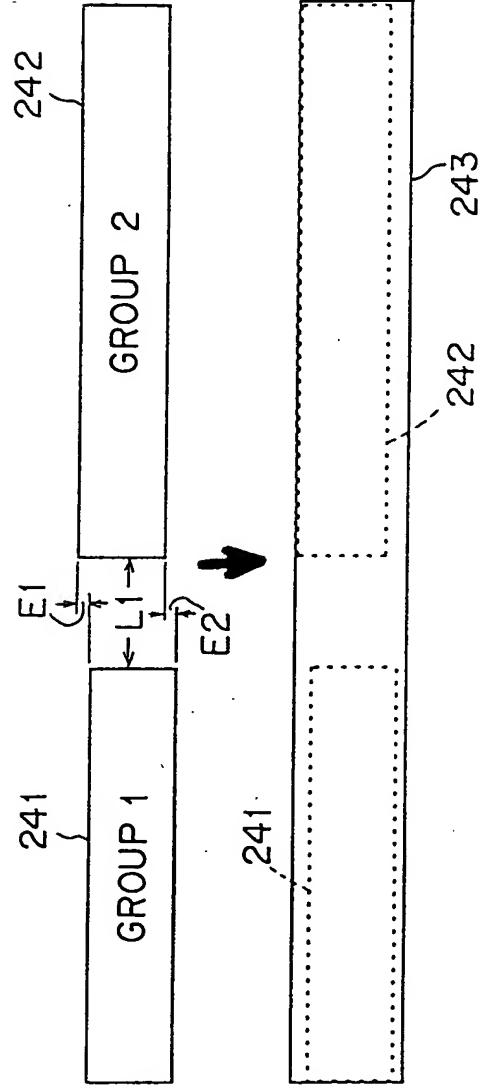


FIG. 39A

FIG. 39B

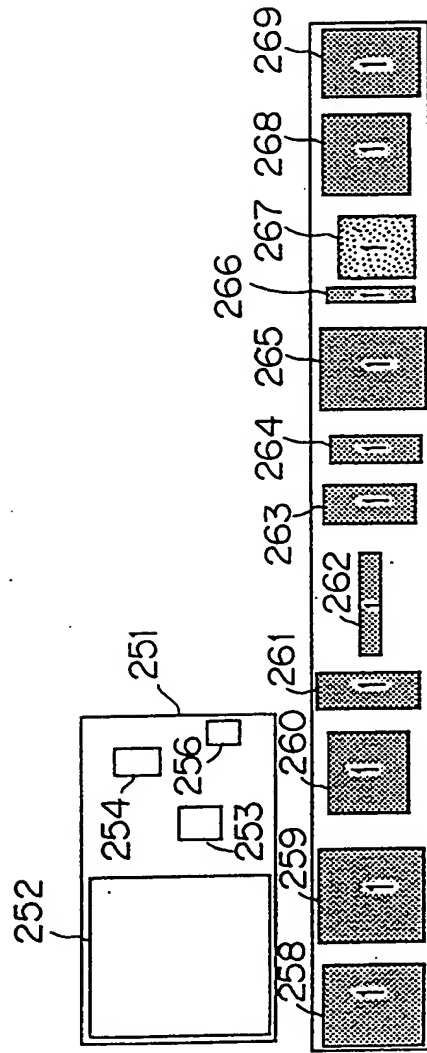


FIG. 40A

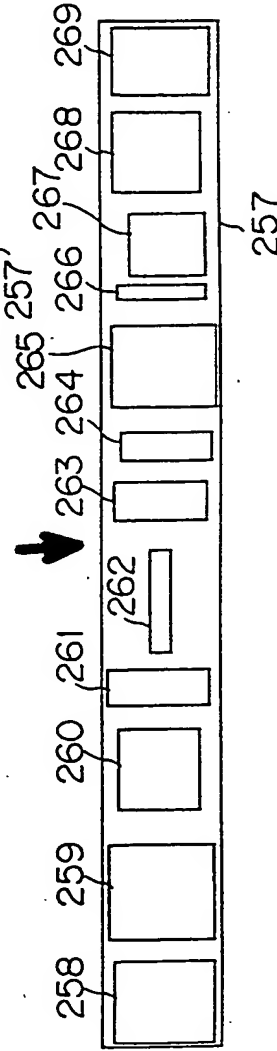


FIG. 40B

1: HORIZONTAL ARRANGEMENT FLAG

2: VERTICAL ARRANGEMENT FLAG

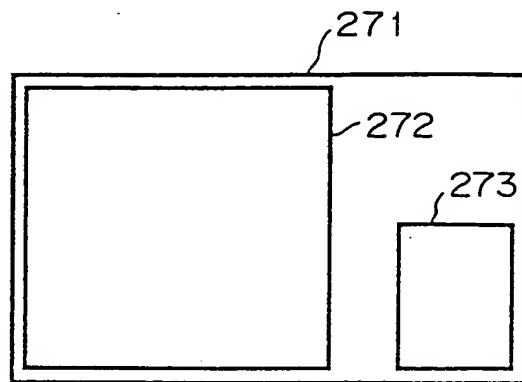


FIG. 41

クローハル化への3つの成功モデル 280

FIG. 42A

281 282
グロハル化への3つの成功モデル 280

FIG. 42B

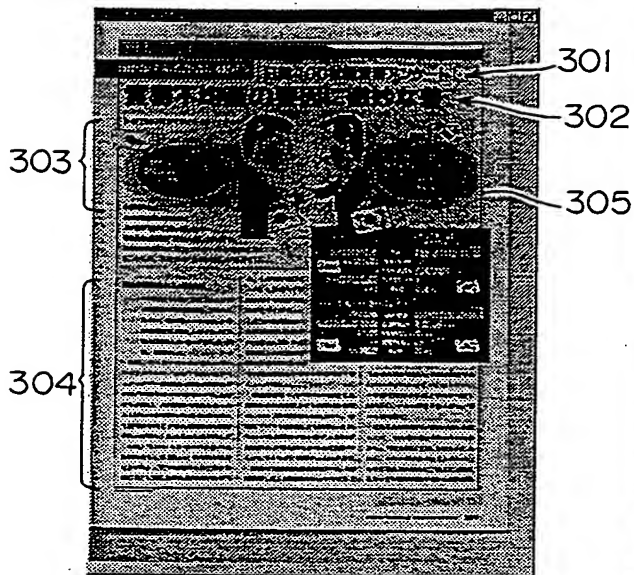


FIG. 43A

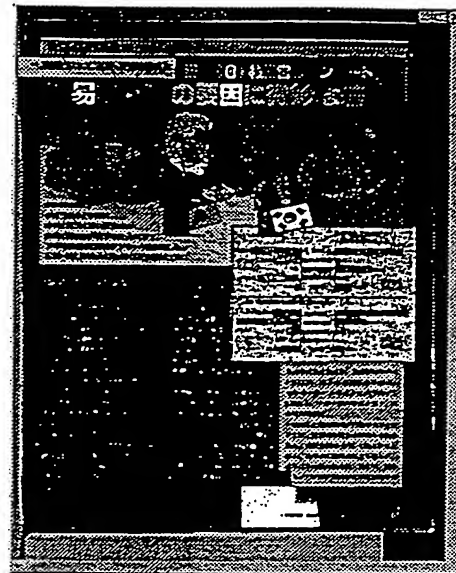


FIG. 43B

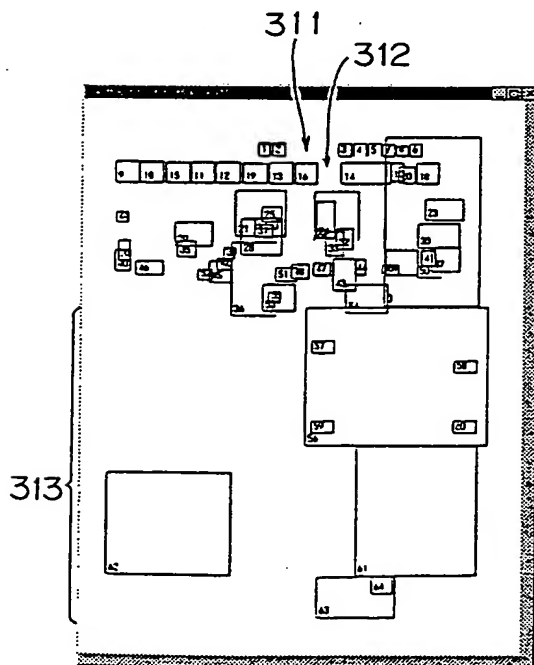


FIG. 43C

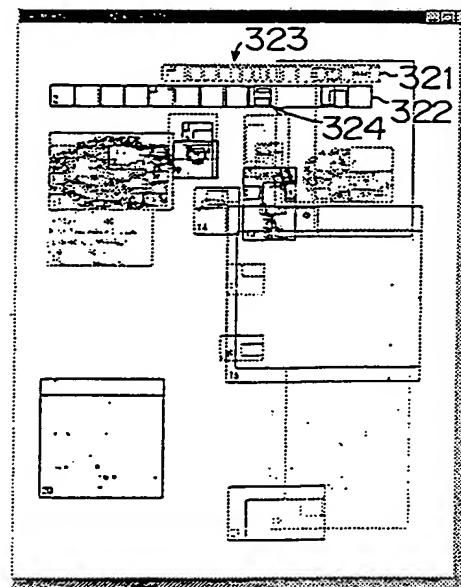


FIG. 43D

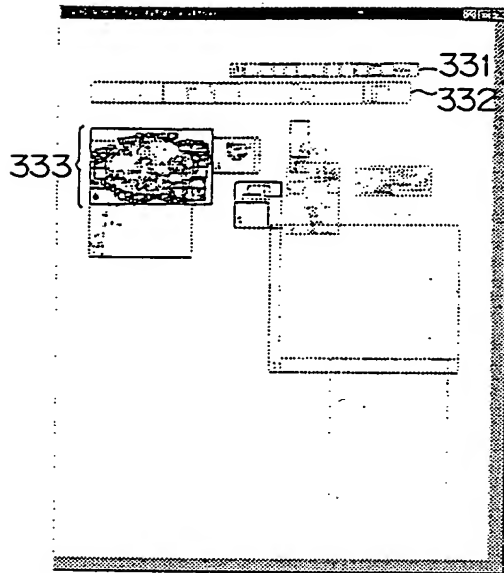


FIG. 44A

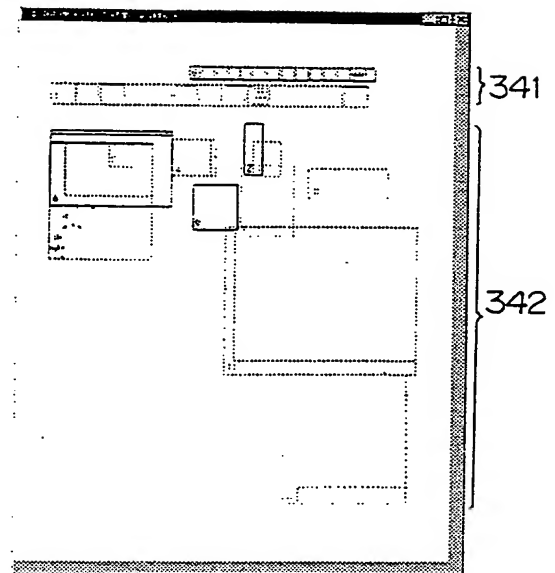


FIG. 44B

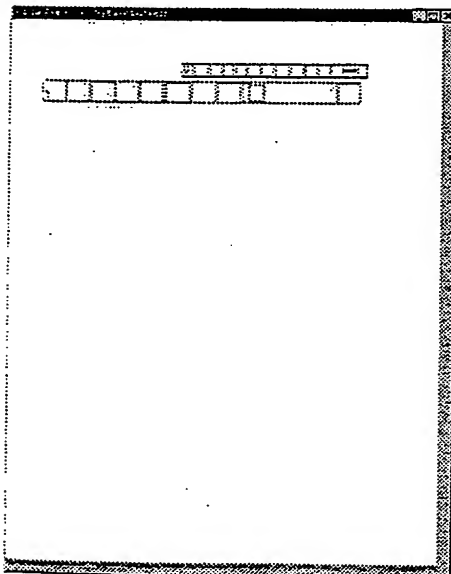


FIG. 44C

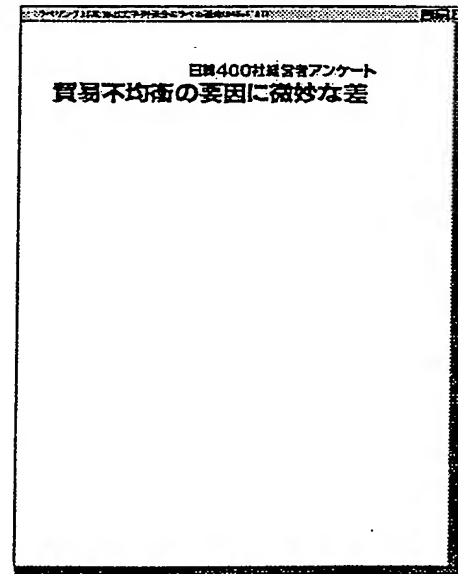


FIG. 44D

FIG. 45A 貿易不均衡の要因に微妙な差

FIG. 45B 日韓400社経営者アンケート